

16. (Amended) An apparatus for displaying a picture on a picture, wherein the apparatus is a set top terminal, comprising:

a plurality of tuners for tuning to a plurality of programs, wherein the plurality of programs are comprised of both audio and video signals and wherein at least one video signal may have a plurality of audio signals corresponding therewith;

a plurality of decompressors connected to the plurality of tuners; and

A2 a plurality of output ports for external devices, wherein the plurality of output ports are operably connected to the plurality of decompressors, wherein at least two of the plurality of output ports are connected to different tuners of the plurality of tuners.

17. (Amended) An apparatus for displaying a picture on a picture according to claim 16, further comprising:

a plurality of demodulators;

a plurality of demultiplexors;

a plurality of decryptors, wherein the plurality of demodulators, the plurality of demultiplexors and the plurality of decryptors are connected in series between and correspond to the plurality of tuners and the plurality of decompressors; and

a video combiner connected to the plurality of decompressors for combining the plurality of the program signals.

22. (Amended) A method for outputting a plurality of audio signals for at least one video signal using an upgrade card inserted into an existing set top terminal, comprising:

X3 tuning to a plurality of programs;

decompressing the plurality of audio signals from the plurality of programs;

decompressing a plurality of video signals from the plurality of programs;

decompressing a plurality of graphics and text signals from the plurality of programs,

wherein the plurality of programs are comprised of both audio and video signals and wherein the at least one video signal may have more than one of the plurality of audio signals corresponding therewith.

34. (Amended) A method for displaying a picture on a picture using an upgrade card inserted into an existing set top terminal, comprising:

A4 tuning to a plurality of programs;

decompressing a plurality of audio signals from the plurality of programs;

decompressing a plurality of video signals from the plurality of programs;

decompressing a plurality of graphics and text signals from the plurality of programs, wherein the plurality of programs are comprised of both audio and video signals and wherein at least one video signal may have a plurality of audio signals corresponding therewith; and

outputting a plurality of decompressed signals from the decompressed plurality of audio, video and graphics and text signals.

PM
40. (Amended) The method according to claim 38, wherein the step of switching between the plurality of audio signals further comprises:

switching between at least two stereo audio signals in a first language corresponding to the video signal and at least one audio signal in a second language corresponding to the video signal.

42. (Amended) An apparatus that outputs multiple video signals, comprising:

AS
first signal processing components, wherein the first signal processing components process a first video signal, the first signal processing components comprising:

a first tuner;

a first demodulator coupled to the first tuner;

a first demultiplexor coupled to the first demodulator;

a first video/graphics/text demultiplexor coupled to the first demultiplexor,

wherein the first video/graphics/text demultiplexor separates graphics, video and text from the first video signal; and

a first video decompressor coupled to the first video/graphics/text demultiplexor;

and

second signal processing components, wherein the second signal processing components process a second video signal, the second signal processing components also operable to scale and redirect the second video signal, the second signal processing components comprising:

a second tuner;

a second demodulator coupled to the second tuner;

a second demultiplexor coupled to the second demodulator;

a second video/graphics/text demultiplexor coupled to the second demultiplexor,

wherein the second video/graphics/text demultiplexor separates graphics, video and text from the second video signal; and

AS
a second video decompressor coupled to the second video/graphics/text demultiplexor, wherein at least the second signal processing components are located on an upgrade card insertable into an existing set top terminal to provide digital picture-on-picture capability.

46. (Amended) The apparatus of claim 42, further comprising a video combiner, the video combiner combining a processed, scaled and repositioned first signal and a processed second video signal for display, wherein the processed, scaled and repositioned first video signal is overlaid on the processed second video signal.

48. (Amended) The apparatus of claim 42, further comprising a video combiner, the video combiner combining a processed, scaled and repositioned first signal and a processed second video signal for display, wherein the processed second video signal is scaled and repositioned, and wherein the processed, scaled and repositioned first and second video signals are displayed in a split screen format.

49. (Amended) The apparatus of claim 42, further comprising a third signal path having third signal processing components, wherein the third signal processing components process a third video signal, the third signal processing components also operable to scale and redirect the third video signal, wherein the third signal processing components are substantially identical to the first and the second signal processing components, and wherein the first, second and third video signals are displayed simultaneously on a display.

53. (Amended) The apparatus of claim 42, wherein processed, scaled and redirected video signals are provided as digital signals for display on a digital television.

54. (Amended) The apparatus of claim 42, wherein the first signal path includes a first NTSC encoder and the second signal path includes a second NTSC encoder, the first and the second NTSC encoders operable to convert processed video signals and processed, scaled, repositioned video signals to analog format for display on an analog television.

55. (Amended) The apparatus of claim 42, wherein the apparatus is an upgrade card, the upgrade card insertable into an existing set top terminal to provide digital picture-on-picture capability.

57. (Amended) The apparatus of claim 42, wherein the first video signal is provided to a first television and the second video signal is provided to a second television.

A10
60. (Amended) The apparatus of claim 42, wherein the first signal path further includes first audio processing components and the second signal path further includes second audio processing components.

61. (Amended) The apparatus of claim 42, further comprising a switch for selecting a first or a second audio signal for output, the switch activated by operation of a remote control.

A11
64. (Amended) The apparatus of claim 61, wherein the switch is operable to select additional audio signals for output, the additional audio signals associated with the second video signal.

Please add new claims 73-76 as follows:

A12
-- 73. (New) The apparatus of claim 42, wherein the first signal processing components are located on the upgrade card.

74. (New) The apparatus of claim 42, further comprising a microprocessor that controls processing on the first and the second signal paths such that the first video signal and the second video signal are displayed on one or more displays, and wherein the first signal processing components and the second signal processing components are substantially identical.

75. (New) An apparatus for providing digital picture-on-picture capability, wherein the apparatus is an upgrade card insertable into an existing set top terminal, comprising:

a plurality of tuners for tuning to a plurality of programs, wherein the plurality of programs are comprised of both audio and video signals and wherein at least one video signal may have a plurality of audio signals corresponding therewith;

a plurality of demodulators;

a plurality of demultiplexors;

a plurality of decryptors, wherein the plurality of demodulators, the plurality of demultiplexors and the plurality of decryptors are connected in series between and correspond to the plurality of tuners;

a plurality of decompressors operably connected to the plurality of tuners;

a video combiner connected to the plurality of decompressors for combining the plurality of the program signals; and

a plurality of output ports for external devices, wherein the plurality of output ports are operably connected to the plurality of decompressors, wherein at least two of the plurality of output ports are connected to different tuners of the plurality of tuners.